

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	10/692994	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:17
S2	1982	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:19
S3	534285	(mid midpoint middle center central midway half) near7 (phone phoneme phonemic unit segment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:19
S4	2072	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:41
S5	573997	(singular near2 value decompos\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:21
S6	66	S3 and S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:22
S7	3200	(singular near2 value near2 decompos\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:21



S8	4192	((singular near2 value near2 decompos\$6) svd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:21
S9	4	S3 and S4 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:23
S10	31542	((speech voice) near5 synthesi\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 15:22
S11	90	S3 and S4 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:16
S12	32315	(distance difference) near7 (vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:17
S13	34	S4 and S10 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:28
S14	14	(boundary boundaries endpoint) near8 (within near7 (phone phonetic phoneme)) and concatenat\$4 and S10 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON ·	2007/06/07 16:40



S15	384	(boundary boundaries endpoint) and concatenat\$4 and S10 and "704"/\$. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:41
S16	2120	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 18:53
S17	3380	(boundary boundaries endpoint point) near8 (select\$4 determin\$4 choos\$4) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:42
S18	1 <u>2</u> 8	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:58
S19	48	S16 and S17 and diphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:58
S20	100	S16 and diphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:58
S21	100	S16 and (diphoneme diphone inter-phone inter-phoneme within-phoneme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 16:59



S22	2120	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 08:44
S23	122	(boundary endpoint) near7 (inside within inter) near7 (phone phoneme phonetic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 08:59
S26	2120	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 09:05
S27	122	(boundary endpoint) near7 (inside within inter) near7 (phone phoneme phonetic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 08:59
S28	5	S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 09:00
S29	2	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and donovan.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 09:25
S30	103	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (diphone diphonemes di-phone di-phonemes)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 10:03



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S31	24	S30 and ((difference distance) near7 vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 09:26
S32	25	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (diphone diphonemes di-phone di-phonemes) and (averag\$3 mean) near7 (discontin\$5 cost difference distance distort\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 11:06
S33	25	((blend\$4 concatenat\$4 merg\$4 connect\$4) near7 (point)) and (diphone diphonemes di-phone di-phonemes) and (averag\$3 mean) near7 (discontin\$5 cost difference distance distort\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 10:54
S34	3	((cut\$4) near7 (point)) and (diphone diphonemes di-phone di-phonemes) and (averag\$3 mean) near7 (discontin\$5 cost difference distance distort\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 10:55
S35	209	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (averag\$3 mean) near7 (discontin\$5 cost difference distance distort\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 12:50
S36	49	S35 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 11:10
S38	65	(bellegarda near2 jerome).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 11:13



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S39	31	S38 and concatenat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 11:21
S40	2621	(704/258 704/260 704/265 704/267). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 11:21
S41	1	"3828132".pn.	USPAT	OR	OFF	2007/06/08 11:26
S42	431	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (iterative\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:22
S43	. 27	S42 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:04
S44	63	S42 and (chang\$3 difference) near7 (point boundary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:22
S45	49	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (chang\$3 difference) near7 (point boundary) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:33
S46	54	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and ("same" equal equivalent) near7 (point boundary) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:36



S47	0	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and ("same" equal equivalent match\$4) near7 (point boundary) same (iterativ\$3 repeat\$4) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:37
548	74	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and ("same" equal equivalent match\$4) same (iterativ\$3 repeat\$4) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 13:42
S49	111	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (step procedure process method operation) near7 (iterativ\$3 repeat\$4) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 14:02
S50	50	(concatenat\$4 near7 (discontin\$6 error cost difference distance noise score distortion)) and (until) near6 (iterat\$4 repeat\$4) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 14:13
S51	148	((speech voice) near6 synthesi\$5) and (between) near6 (iterat\$4 repeat\$4) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 14:14
S52	30	((speech voice) near6 synthesi\$5) and (difference change) near6 (between) near6 (iterat\$4 repeat\$4) and "704"/\$. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 08:36
S53	20	((speech voice) near6 synthesi\$5) and (difference change) near6 (between) near6 (iterat\$4 repetition) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 14:18



S54	. 0	((speech voice) near6 synthesi\$5) and (improv\$6) near6 (between) near6 (iterat\$4 repetition) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 14:18
S55	126	((speech voice) near6 synthesi\$5) and (improv\$6 difference chang\$3) near6 (iterat\$4 repetition) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/06/08 14:19
S56	34	S55 and (concatenat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/06/11 08:36
S57	140	(pitch near6 period) near7 (center\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 08:36
S58	145	(pitch near6 period) near7 (center\$4 centroid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 08:36
S59	21	((speech voice) near6 synthesi\$5) and (concatenat\$4) and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:13
S60	13	S59 and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 08:37



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S61	48	((speech voice) near6 synthesi\$5) and (sing\$4 near3 value near3 decomposi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 10:10
S62	28	S61 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:16
S63	27	((speech voice) near6 synthesi\$5)-and (matrix near3 decomposi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 10:06
S64	24	S63 and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 10:06
S65	10	704/258-269.ccls. and (sing\$4 near3 value near3 decomposi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 10:21
S66	25 [.]	"704"/\$.ccls. and (temporal near3 decomposition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/06/11 10:22